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## Moto Watchdog Hardwire

# Moto Watchdog Hardwire GPS Tracker

User Manual - Model: Hardwire

Brand: Moto Watchdog

## 1. INTRODUCTION

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The Moto Watchdog Hardwire GPS Tracker provides reliable, real-time location tracking for vehicles without the need for monthly subscriptions or hidden fees. Designed for quick installation, this device operates directly from your vehicle's power, eliminating the need for battery charging. It offers advanced features such as customizable geofencing, instant alerts, and comprehensive trip history, making it an ideal solution for personal use, business fleets, and asset tracking.

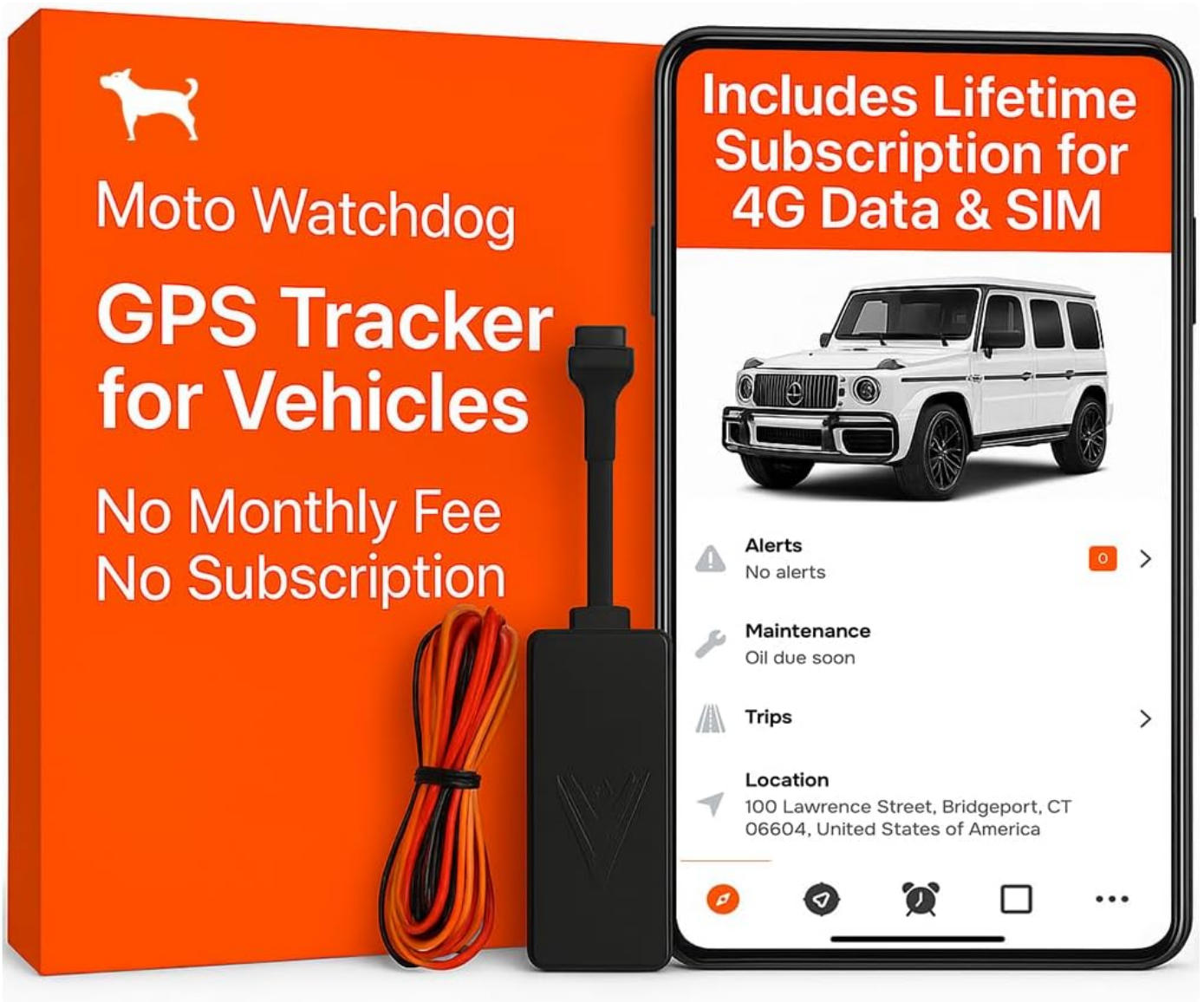


Figure 1.1: Moto Watchdog Hardwire GPS Tracker and accompanying mobile application.

This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance of your GPS tracker.

# Everything Comes Standard

**One Payment** • SIM and Data Included • 4G GPS Tracking

We don't sell nor share data • USA designed and developed



Figure 1.2: Cost comparison highlighting the no-subscription benefit of Moto Watchdog.

## 2. WHAT'S IN THE BOX

Upon opening your Moto Watchdog Hardwire GPS Tracker package, please verify that all the following components are included:

- Moto Watchdog Hardwire GPS Tracker Unit
- Pre-installed 4G SIM Card
- 2A Fuse
- Wiring Harness (Red, Black, Orange, Yellow wires)

## 3. SETUP AND INSTALLATION

The Moto Watchdog Hardwire GPS Tracker is designed for quick and straightforward installation. Follow these steps carefully to ensure proper functionality.

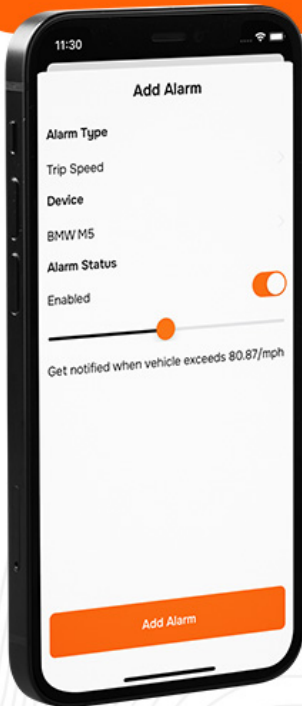
### 3.1 Wiring Instructions

The device requires connection to your vehicle's power source. A fuse is included for protection.

1. **Red Wire (Positive):** Connect the red wire to a constant 12V-24V positive power source in your vehicle. This is typically found at the battery's positive terminal or a constant fuse box connection. Ensure the included 2A fuse is installed in this line.
2. **Black Wire (Negative):** Connect the black wire to a reliable ground point on your vehicle's chassis or the battery's negative terminal.
3. **Orange Wire (ACC - Optional):** Connect the orange wire to an Accessory (ACC) power source. This connection allows the device to detect when the vehicle's ignition is on or off, enabling features like trip start/end notifications. If not connected, the device will still track but may not provide ignition-based alerts.
4. **Yellow Wire (Unused):** The yellow wire is for a fuel relay feature that is not currently utilized by this model. Leave this wire disconnected and properly insulated to prevent short circuits.

# Real-Time Monitoring & Alerts

Smarter Alerting for Even Smarter Driving



- ✓ 60-180s Location Updates
- ✓ Push Notifications
- ✓ Custom Alerts
- ✓ Live Tracking
- ✓ Virtual Boundaries
- ✓ Trip History
- ✓ Weather Air Quality

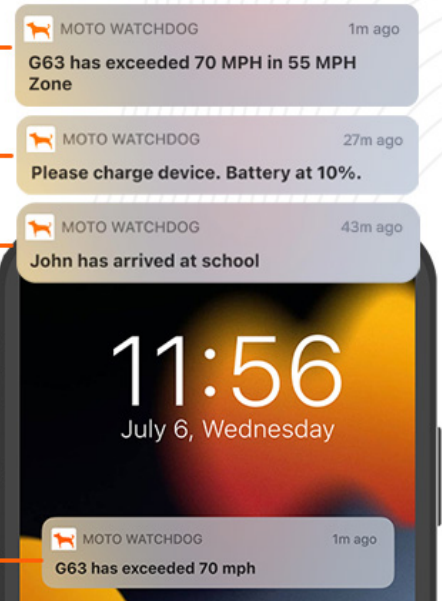


Figure 3.1: Wiring Guide for the Hardwire GPS Tracker.

## 3.2 Device Activation and App Setup

After wiring the device, proceed with the app setup to activate and manage your tracker.

**Moto Watchdog**

### Peace of Mind: For What Matters Most

Designed for real-time location tracking, geofencing, and SOS alerts, ideal for safeguarding vehicles, personal belongings, pets, children, and the elderly. Its robust design and reliable connectivity ensure you always know where your valuable assets and loved ones are, providing peace of mind and enhanced security.

**SATISFACTION GUARANTEE**

1. **Download the App:** Search for "Moto Watchdog" in your device's app store (available for iOS 18+ and Android 10+). Download and install the official Moto Watchdog application.

2. **Create Your Account:** Open the app and follow the prompts to create a new user account. This secure account will safeguard your data and allow personalized access to all tracking devices.
3. **Add Your Device:** Within the app, locate the option to add a new device. Input the necessary device details, which typically include a unique code or PIN provided with your tracker. Once added, your device will begin reporting its location.

## 4. OPERATING INSTRUCTIONS

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The Moto Watchdog app provides a comprehensive interface for managing and monitoring your GPS tracker.

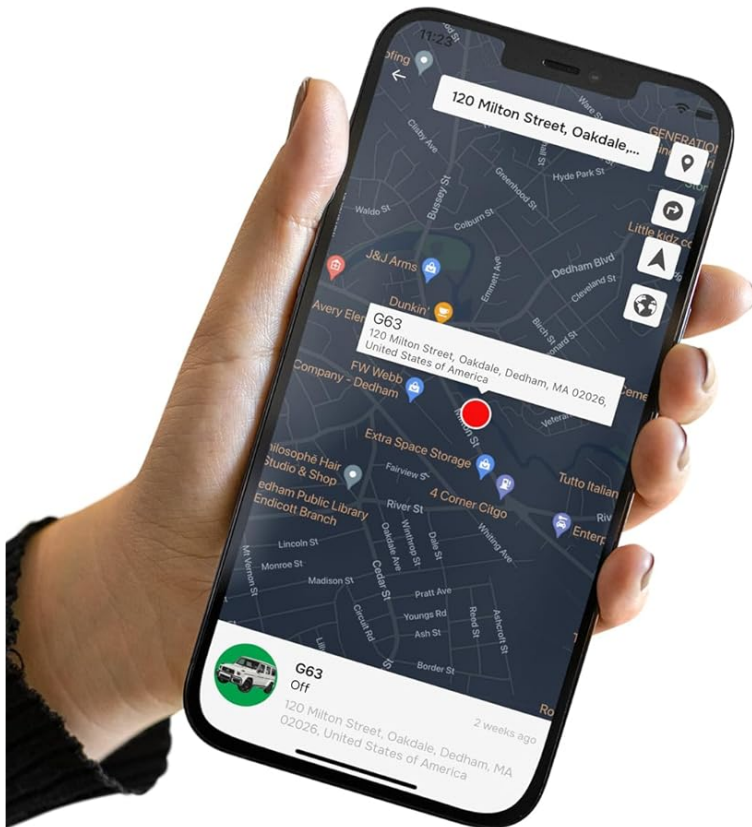
### 4.1 Real-Time Tracking and Location History

View your vehicle's current location and review past routes directly on the map within the app.

- **Live Tracking:** The app displays the real-time location of your vehicle with updates every 30-180 seconds, depending on configuration and activity.
- **Trip History:** Access detailed records of past trips, including routes taken, speeds, and duration. You can download completed trips and view coordinates for various points along the route.
- **Mileage Tracking:** The system automatically tracks and logs mileage, useful for business fleets or personal record-keeping.

# Real-Time Location Tracking

## Always Know Where Your Vehicle Is Instantly & Accurately



- ✓ 30 Sec. Updates
- 📍 Geofences
- 🛣️ Trip History
- 📡 Live Tracking
- 🚗 Mileage Tracking

🚗 **Protect What Matters. Track Smarter Today.**

## 4.2 Alerts and Notifications

Configure various alerts to receive instant notifications on your smartphone for important events.

- **Geofencing:** Set up virtual boundaries (geofences) on the map. You will receive alerts when the vehicle enters or exits these predefined areas. This is useful for monitoring arrival at or departure from specific locations like home, school, or work.
- **Speeding Alerts:** Define a maximum speed limit. If the vehicle exceeds this limit, you will receive an instant notification.
- **Motion Activated Alerts:** Receive alerts when the device detects movement, indicating the vehicle has started a trip.
- **Ignition On/Off Alerts:** If the orange ACC wire is connected, you will receive notifications when the vehicle's ignition is turned on or off.

# Safety First

Know the moment it happens



Figure 4.2: Example of a Geofence Entry Notification.



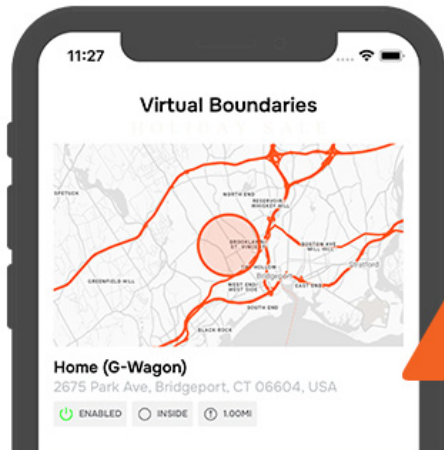
 **Peace of Mind. Instant Alerts.**

Real-time speed alerts directly to your phone.

Figure 4.3: Configuring Speed Alerts in the App.

## Know when your asset moves an inch

Get alerted the second your asset entered or leaves a predefined area.



## Car Theft Prevention Device

A deterrent against vehicle theft, providing an extra layer of security and peace of mind for car owners.

Figure 4.4: Overview of Real-Time Monitoring & Alerts.

### 4.3 Fleet Management

The Moto Watchdog app supports tracking multiple GPS devices from a single screen, making it suitable for managing a fleet of vehicles.



Figure 4.5: Managing Multiple Devices with International Support.

## 5. MAINTENANCE

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The Moto Watchdog Hardwire GPS Tracker is designed for minimal maintenance. As it draws power directly from your vehicle, there is no internal battery to charge or replace. However, consider the following for optimal performance and longevity:

- **Secure Installation:** Ensure the device and its wiring are securely mounted and protected from excessive vibration, heat, and moisture. While the device is water-resistant, it is not designed for submersion.
- **Wiring Integrity:** Periodically inspect the wiring connections to ensure they remain secure and free from corrosion or damage.
- **Fuse Check:** If the device stops functioning, check the 2A fuse on the red power line. Replace it with a fuse of the same rating if blown.
- **App Updates:** Keep the Moto Watchdog mobile application updated to the latest version to benefit from new features, performance improvements, and security enhancements.
- **Cleaning:** If necessary, gently wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.

## 6. TROUBLESHOOTING

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If you encounter issues with your Moto Watchdog Hardwire GPS Tracker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not reporting location / No data in app	Incorrect wiring; Blown fuse; No cellular signal; App not updated.	Verify red and black wire connections are secure and correct. Check the 2A fuse and replace if necessary. Ensure the vehicle is in an area with 4G cellular coverage. Update the Moto Watchdog app to the latest version.
Inaccurate or delayed location updates	Weak GPS signal; Device obstruction; Network congestion.	Ensure the device is installed in a location with a clear view of the sky (e.g., under the dashboard, not deep within metal structures). Move the vehicle to an open area. Location updates are typically 30-180 seconds; minor delays are normal.